

698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm
Spring SMA Male Connector, Black Fiberglass Radome



Antennas Technical Data Sheet

PEANOM1075

Features

- Heavy Duty 5.5mm Spring Diameter
- Vertically Polarized
- 6.5 dBi Gain
- SMA Male Connector
- 14.75 ft RG58 Cable
- Black Fiberglass Radome

Applications

- Offroad/Overland Vehicles
- Mining/Industrial Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

Description

Pasternack's PEANOM1075 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. The antenna with 698 to 2700 MHz frequency range has a maximum input VSWR of 1.5. This omni directional antenna has SMA male connectors.

This antenna has a black radome made of fiberglass, an overall length of 29.53 in, width of 2 in, and weighs 2.42 lbs. Pasternack's PEANOM1075 is a single band antenna operating from 698 to 2700 MHz with 6.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANOM1075 antenna 7 days a week. 24 hours a day using our on-line ordering system with no MOQs (minimum order quantity) and same-day shipping.

Configuration

Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	SMA Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	698		2,700	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		6.5		dBi
Input Power			100	Watts

Mechanical Specifications

Radome Material	Fiberglass
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Size

Overall Length	29.53 in [750.06 mm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	2.42 lbs [1.1 kg]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring SMA Male Connector, Black Fiberglass Radome PEANOM1075](#)

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Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring SMA Male Connector, Black Fiberglass Radome from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

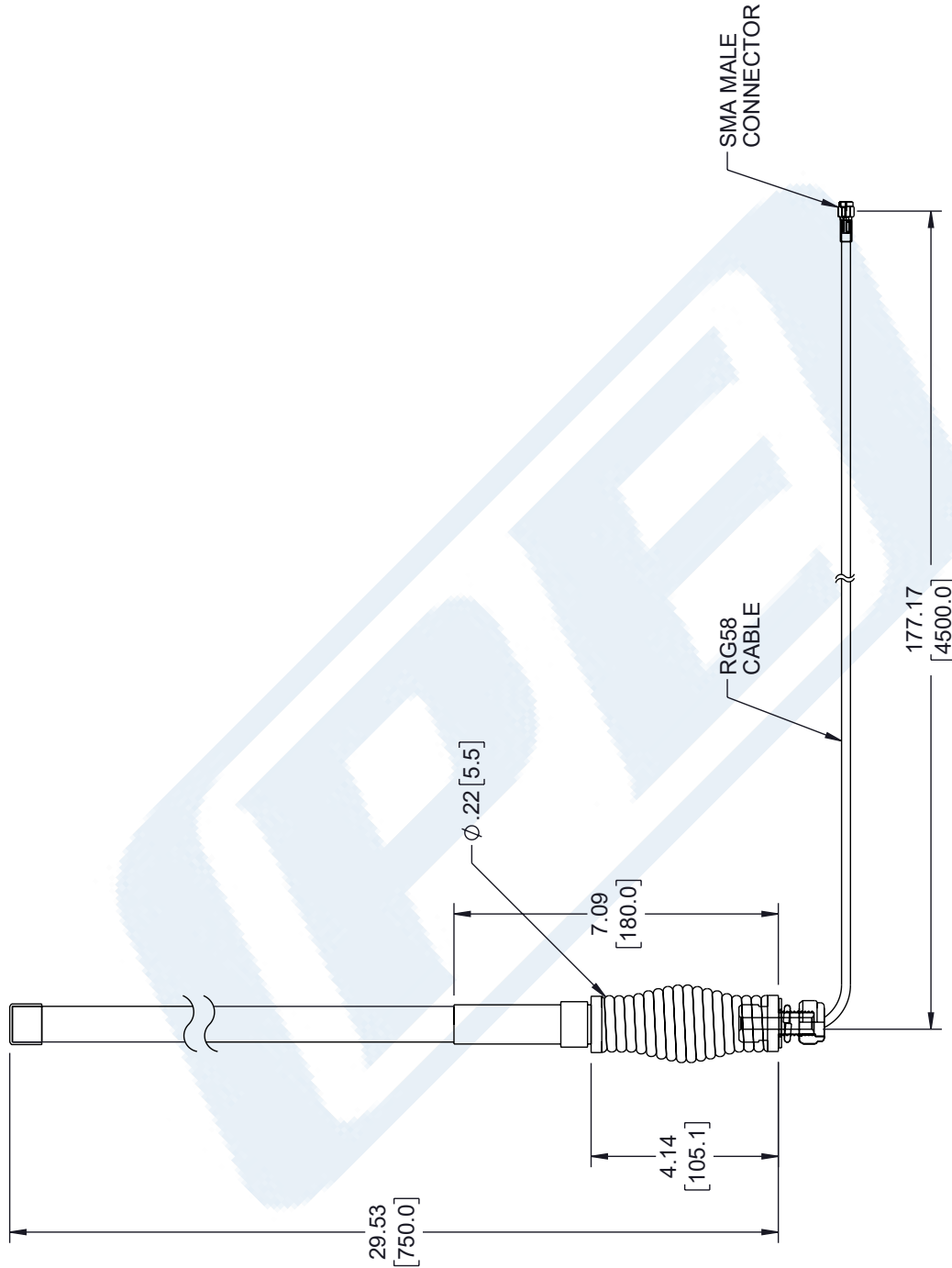
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [698 to 2700 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring SMA Male Connector, Black Fiberglass Radome PEANOM1075](#)

URL: <https://www.pasternack.com/698-to-2700-mhz-omni-antenna-6.5-dbi-gain-5.5-mm-spring-sma-male-connector-black-fiberglass-radome-peanom1075-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



PEANOM1075 CAD Drawing

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SMA Male Connector, Black Fiberglass Radome



ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	2/28/2023	HBAKKE	KHIETPAS

REVISION	1	2	3	4	5	6
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<div>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</div> <div><div><div><div>PE</div><div>PASTERNAK®</div><div>an INFINITI® brand</div></div><div>Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920</div></div></div>		<div></div> <div>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</div>	
<div>TOLERANCES:</div> <div><div>X = ±.2 [.5]</div><div>FRACTIONS ±.132</div><div>.XX = ±.02 [.13]</div><div>ANGLES ± 1°</div></div> <div>CABLE LENGTH TOLERANCES:</div> <div><div>≤12 [305] = +1 [25] / -0</div><div>>12 [305] ≤ 60 [1524] = +2 [51] / -0</div><div>>60 [1524] ≤ 120 [3048] = +4 [102] / -0</div><div>>120 [3048] ≤ 300 [7620] = +6 [152] / -0</div><div>>300 [7620] = +5% / -0</div></div>		<div>DESCRIPTION</div> <div>698-2700 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 5.5 MM SPRING, 14.75 FT RG58 FME MALE 28.75 IN BLACK</div>	
<div>SCALE</div> <div>NONE</div>		<div>SHEET</div> <div>1 OF 1</div>	
<div>SIZE</div> <div>A</div>	<div>CAGE CODE</div> <div>53919</div>	<div>DRAWN BY</div> <div>HBAKKE</div>	<div>ITEM NO.</div> <div>PEANOM1075</div>
<div>ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE</div>			

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